PTV Vistro 6 Release Notes

6.00-01   [131642]   2018-06-01

⊕ New Features and Changes

Non-graphical editors

⊕ ProtPerm: The value 'ProtectedPermissive' was renamed to 'ProtPerm' for better legibility when in narrow columns. **(1637)**

✔ Fixed Bugs

Intersection setup tab

✔ Roundabouts: The value Inscribed Circle Diameter now is editable even if an approach does not have any inbound lanes. **(1625)**

Non-graphical editors

✔ Boundaries: An issue was fixed, where it was possible to enter values lying outside of the valid range (for example negative values in certain cases). **(1619)**

Scenario management

✔ Trips generated: The value of Trips Generated was sometimes not updated when a scenario was opened. This issue was fixed. **(1649)**

Trip distribution tab

✔ Editing values: An issue was fixed, were entering a value and pressing return did not lead to an update of related cells in the grid. **(1487)**

6.00-00   [129431]   2018-03-09

⊕ New Features and Changes

Graphical editors

⊕ Channels and bypasses: Channelized turns and bypasses on roundabouts are now drawn realistically. The values 'Channelized Radius' and 'Bypass Radius' can be used to determine their size. The number of turning lanes affects the width of the channel. Pure turning lanes are cut off before the stop line, so that the intersection geometry is more realistic. **(1282)**

Graphical interface

⊕ High DPI: Several improvements were made regarding displays with high resolution. For example, icons are sized correctly, the reporting dialog is displayed correctly in all cases, information messages are displayed completely. **(1139)**

Non-graphical editors

⊕ Synchronization: When a single grid cell of a movement, a lane group, or a zone is selected, the corresponding element is now highlighted in the graphical network editor. When a row in the trip distribution grid is selected, the graphical network editor shows an arrow from the from-zone (or -gate) to the to-zone (or -gate). **(838)**

Traffic control tab

⊕ Canadian capacity guide: Vistro now supports intersection capacity analysis according to the methodology of the Canadian Capacity Guide (Third Edition) for signalized intersections. For this 'CCG Third Edition' needs to be selected as analysis method for intersections with control type 'Signalized'. **(1528)**

⚠ Breaking Changes

Roundabout, HCM

⚠ Capacity is now calculated differently on approaches with two or more entry lanes and no bypass. Previously only one lane was taken into account, now all lanes are taken into account. Capacities on approaches with more than one lane and no bypass will change. **(1557)**

Roundabouts

⚠ The channelized turn flag, which is only visible for signalized intersections, now no longer affects calculation results for roundabouts. Calculation results may change depending on the setting of the channelized turn flag. **(1565)**

Traffic control tab

⚠ HCM, two-way-stop: Calculation of ranks of movements was adjusted in the case where the major flow is a right turn / left turn but there are still legs on both sides of the major flow. This will change calculation results like capacity and delays. **(1546)**